International application No. PCT/KR2005/000314

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04Q 7/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) H04Q 7/00, 7/20, 7/34

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Korean Utility models and applictions for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) cKIPASS "channel" "quality" "information" "request" "downlink" "data" "acknowledgement" "message" "modulation" "coding"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No. 1-13	
A .	US 6,445,916 B1 (Lucent Technologies Inc.) 3 Sep. 2002 see the whole document		
A	US 20040013102 A1 (Mo-Han Fong et. al) 22 Jan. 2004 see the abstarct	1-13	
A	US 20020054578 A1 (Qian Zhang et.al) 9 May 2002 se the abstract	1-13	
P	JP 2004-282744 A (Lucent Technologies Inc.) 7 Oct. 2004 see the whole document	1-13	
	• .		
		.]	

	Further documents are listed in the continuation of Box C.
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See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" carlier application or patent but published on or after the international filing date
- L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "&" document member of the same patent family

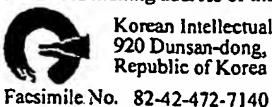
Date of the actual completion of the international search

24 MAY 2005 (24.05.2005)

Date of mailing of the international search report

26 MAY 2005 (26.05.2005)

Name and mailing address of the ISA/KR

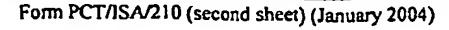


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INTERNATIONAL SEARCH REPORT

Information on patent family members

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